AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

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DUAL-STACK, BALL-LIMITING METALLURGY AND METHOD OF MAKING SAME

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IN THE SPECIFICATION

The specification was objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP§608.01(o). Correction of the following was required: the limitations of claim 18 do not appear in the specification.

Applicant directs the attention of the Office to the specification at page 6, lines 10-18, which states in pertinent part:

Alternatively, metal third layer 30 may be substantially the same metal type as metal first layer 26 according to grouping as set forth herein. Similarly, metal fourth layer 32 may be substantially the same metal type as metal second layer 28 according to grouping as set forth herein. Accordingly, "substantially the same metal" or "substantially the same composition" may be referred to as substantially the same metal type according to grouping as set forth herein. In one embodiment, metal first and third layers 26, 30 are Ti, and metal second and fourth layers 28, 32 are Ni.

Applicant also notes that claims 1 and 11 as originally presented, claim the fourth layer as "substantially the same composition as the refractory metal second layer." (e.g., Claim 11). Withdrawal of the objection is respectfully requested.

IN THE CLAIMS

Please substitute the claim set in the appendix entitled "Clean Version of Pending Claims" for the previously pending claim set. The substitute claim set is intended to reflect amendment of previously pending claim 17. The specific amendment to claim 17 is detailed in the following marked up claim.

17. (Twice amended) A process comprising:forming a metallization;forming a refractory metal first layer over the metallization;